

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095862.D
 Acq On : 27 Mar 2018 5:19
 Operator : SJ/JU
 Sample : J1994-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 27 07:06:31 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

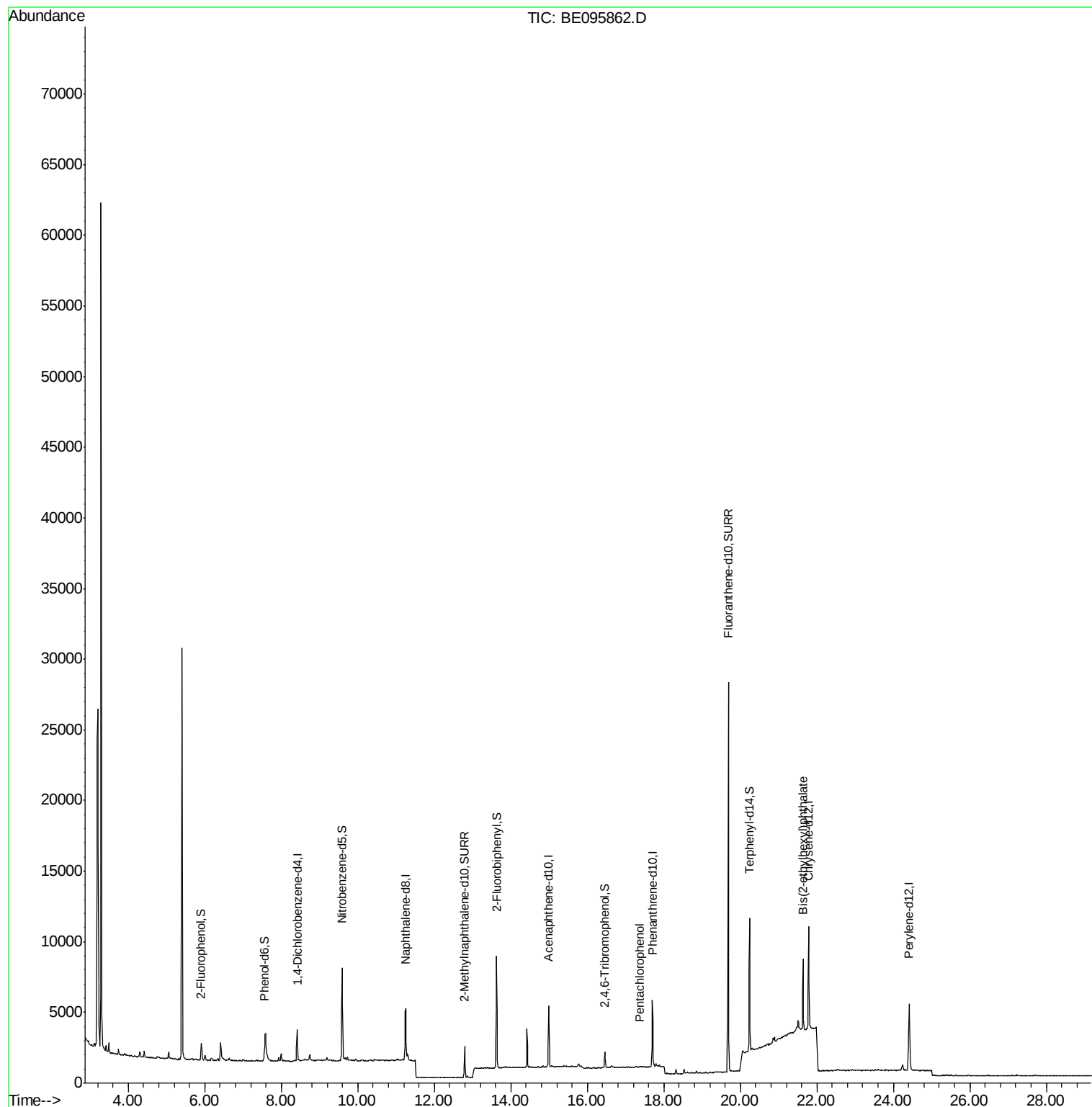
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1182	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4442	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2589	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	6295	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	7118	0.40	ng	-0.01
34) Perylene-d12	24.41	264	7141	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	603	0.15	ng	0.00
5) Phenol-d6	7.56	99	558	0.10	ng	0.00
8) Nitrobenzene-d5	9.59	82	2546	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2837	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	596	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	6607	0.61	ng	-0.01
25) Fluoranthene-d10	19.68	212	35663	0.38	ng	0.00
29) Terphenyl-d14	20.24	244	8979	0.59	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.36	266	21	0.146	ng	Qvalue 96
32) Bis(2-ethylhexyl)phthalate	21.64	149	6007	0.080	ng	# 99

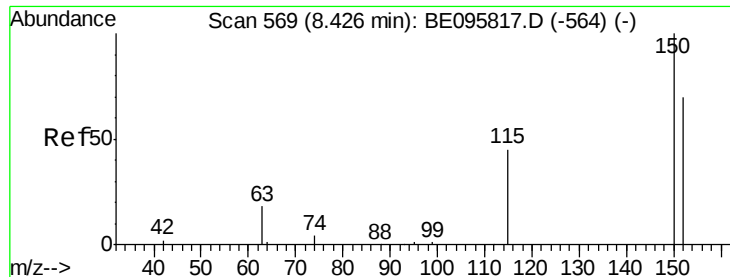
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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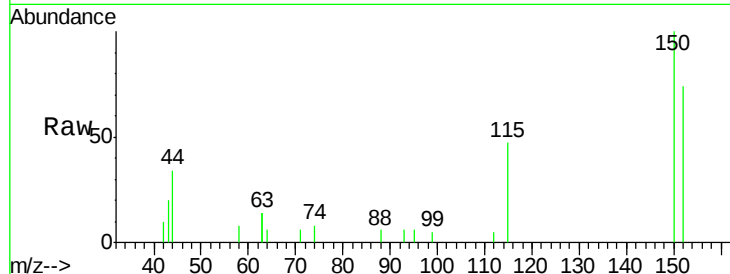




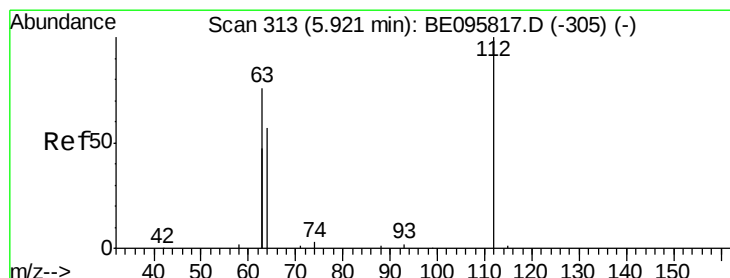
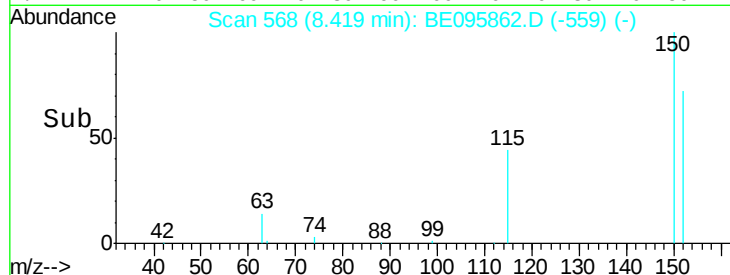
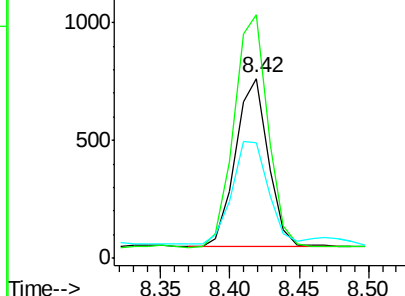
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.42 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BE095862.D
 Acq: 27 Mar 2018 5:19

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1182
 Ion Ratio Lower Upper
 152 100
 150 135.4 117.2 175.8
 115 64.0 57.0 85.6

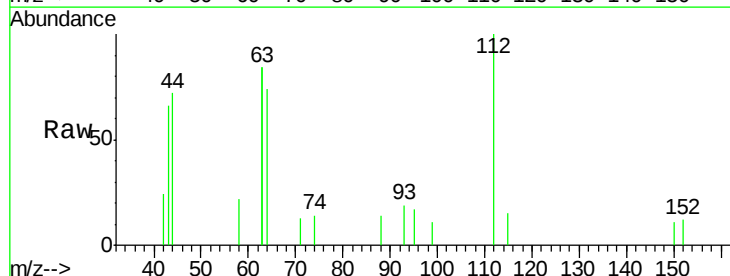


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

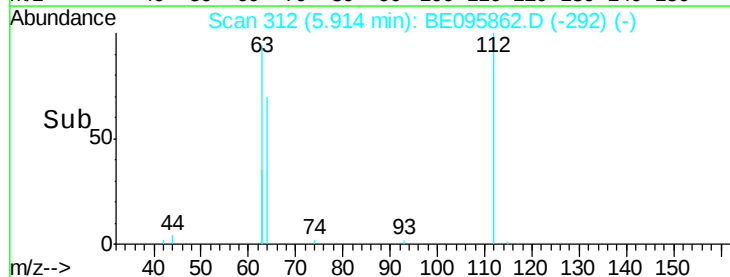
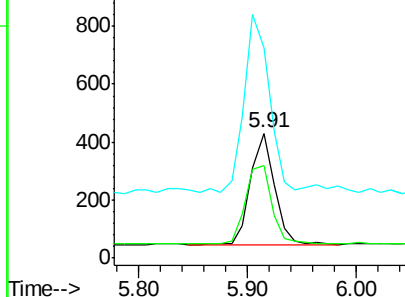


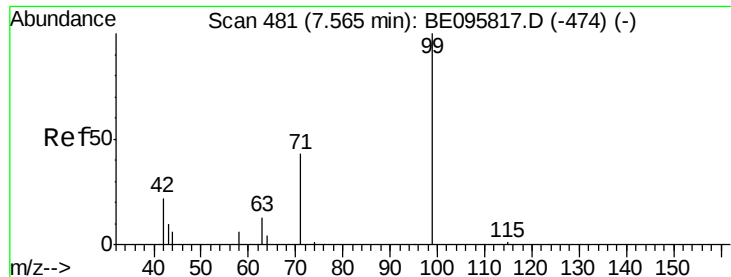
#4
 2-Fluorophenol
 Concen: 0.155 ng
 RT: 5.91 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BE095862.D
 Acq: 27 Mar 2018 5:19

Tgt Ion:112 Resp: 603
 Ion Ratio Lower Upper
 112 100
 64 76.1 60.1 90.1
 63 166.0 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.104 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095862.D

Acq: 27 Mar 2018 5:19

Instrument :

BNA_E

ClientSampled :

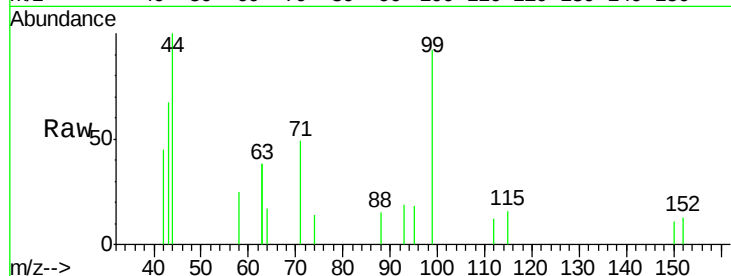
Tot Ion: 99 Resp: 558

Ion Ratio Lower Upper

99 100

42 52.7 20.2 30.2#

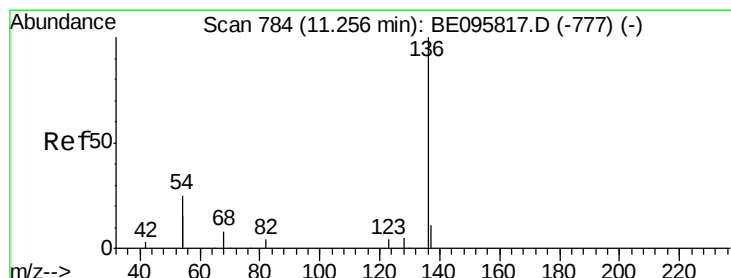
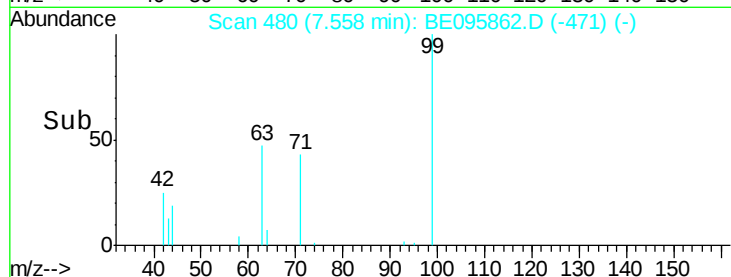
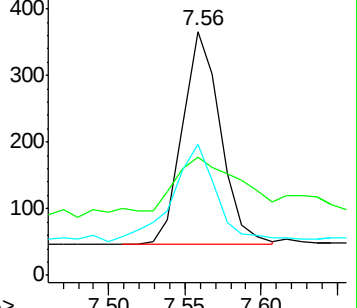
71 54.1 28.4 42.6#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. -0.00 min

Lab File: BE095862.D

Acq: 27 Mar 2018 5:19

Tgt Ion: 136 Resp: 4442

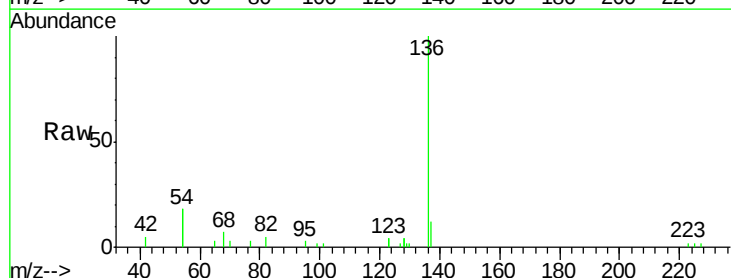
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 35.0 29.1 43.7

68 7.1 6.2 9.2

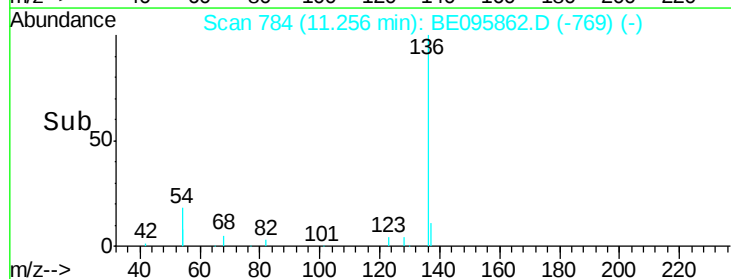
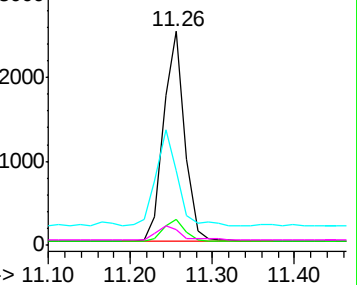


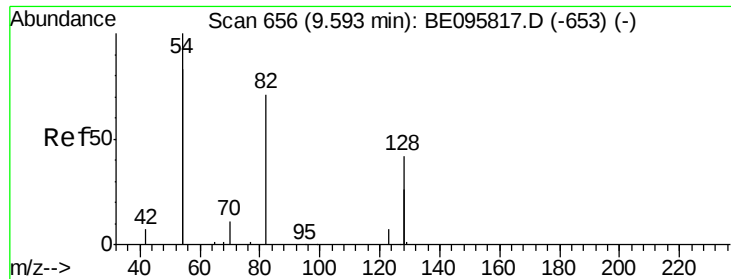
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.485 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095862.D

Acq: 27 Mar 2018 5:19

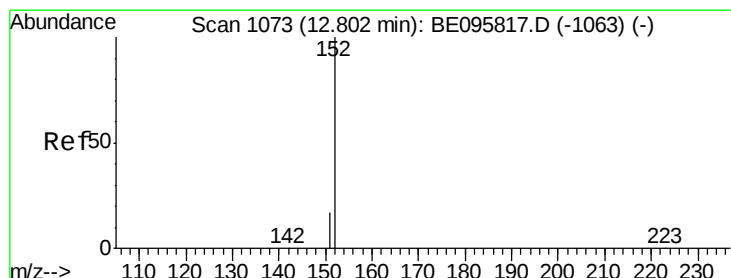
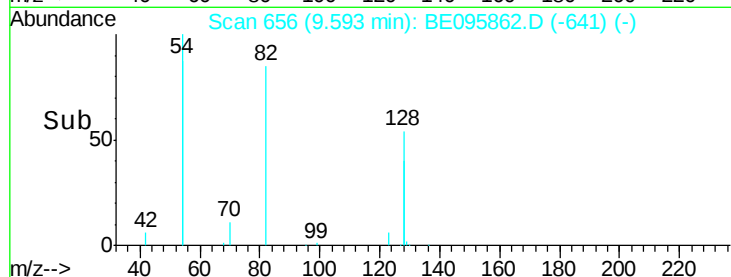
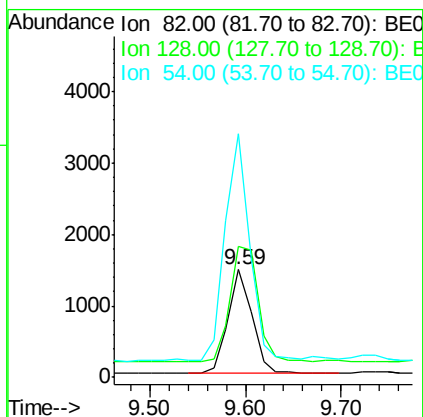
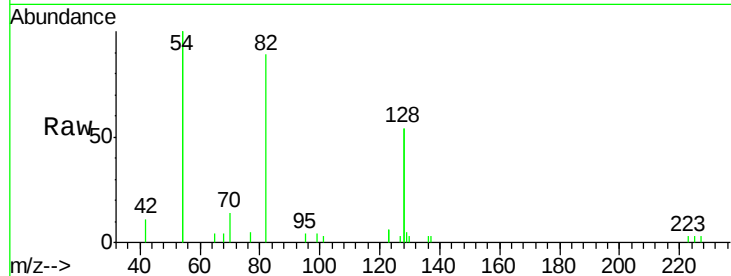
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 82 Resp: 2546

Ion	Ratio	Lower	Upper
82	100		
128	121.1	150.0	225.0#
54	225.8	154.2	231.4



#11

2-Methylnaphthalene-d10

Concen: 0.383 ng

RT: 12.79 min Scan# 1071

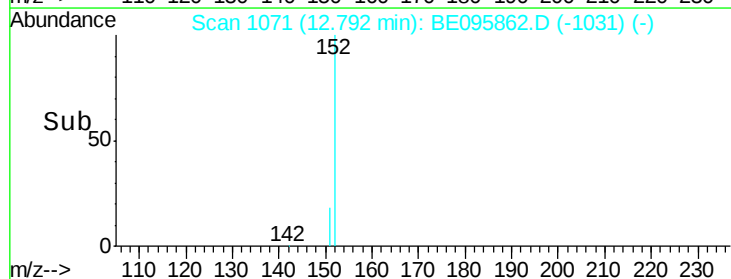
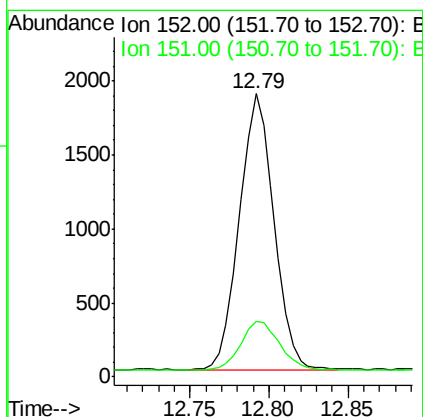
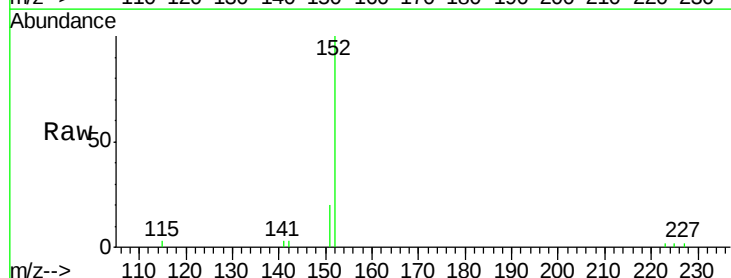
Delta R.T. -0.01 min

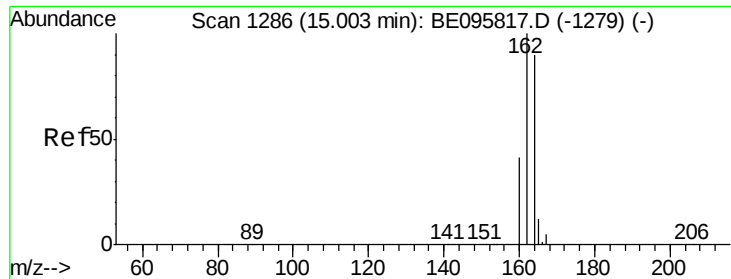
Lab File: BE095862.D

Acq: 27 Mar 2018 5:19

Tgt Ion: 152 Resp: 2837

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095862.D

Acq: 27 Mar 2018 5:19

Instrument :

BNA_E

ClientSampleId :

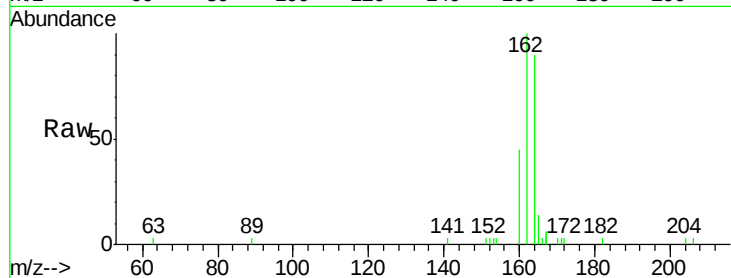
Tot Ion:164 Resp: 2589

Ion Ratio Lower Upper

164 100

162 111.1 83.1 124.7

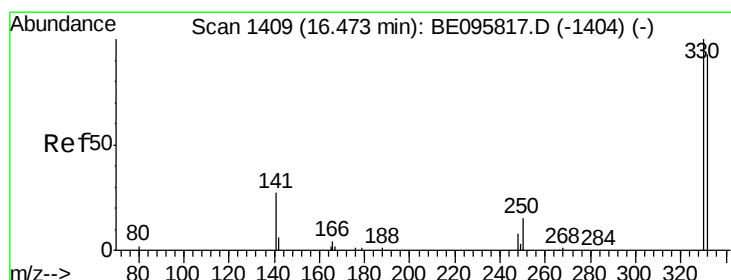
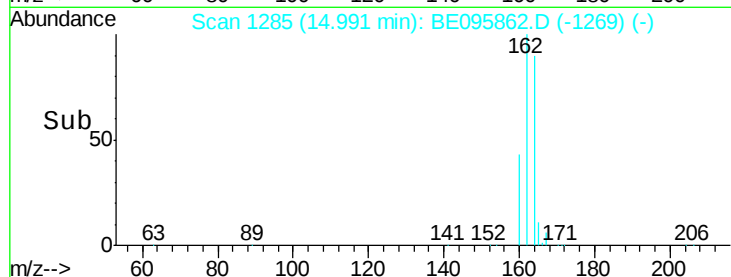
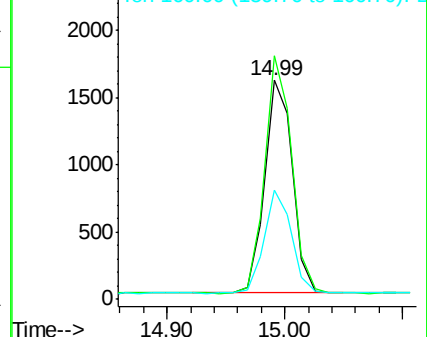
160 50.0 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.399 ng

RT: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095862.D

Acq: 27 Mar 2018 5:19

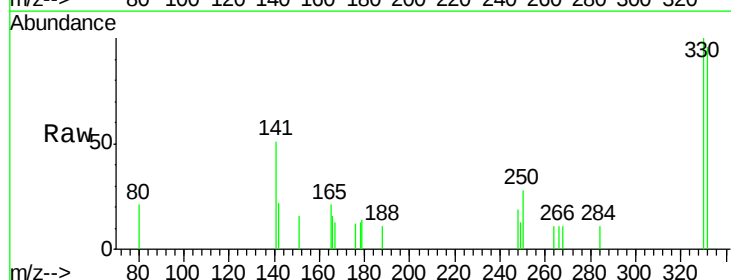
Tgt Ion:330 Resp: 596

Ion Ratio Lower Upper

330 100

332 96.0 152.7 229.1#

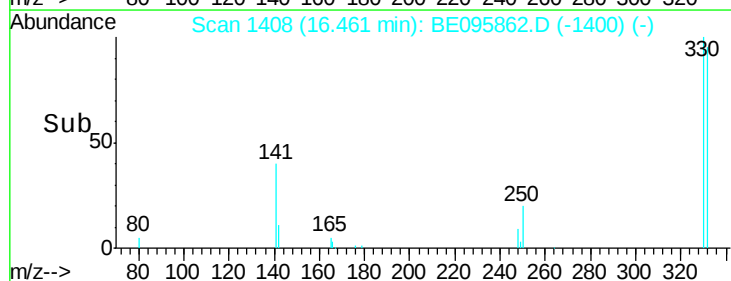
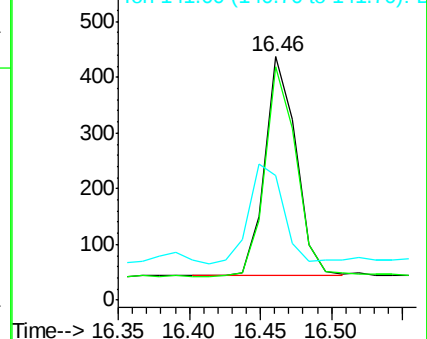
141 50.5 33.7 50.5

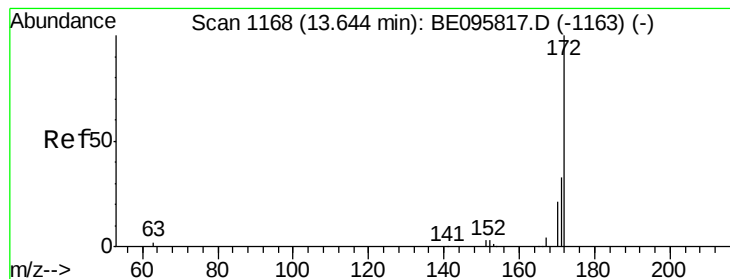


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

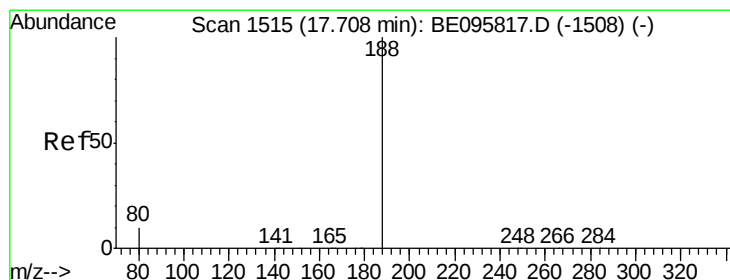
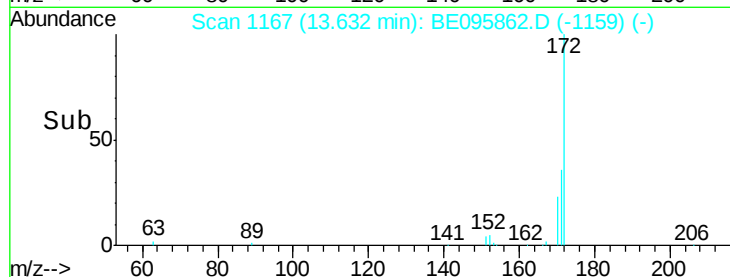
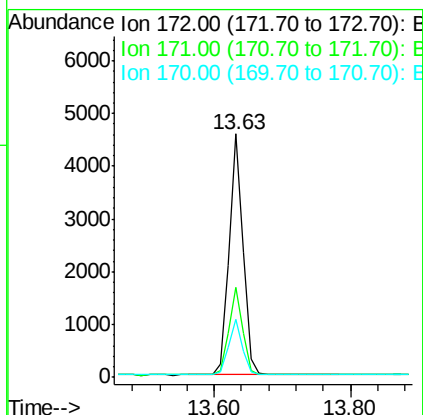
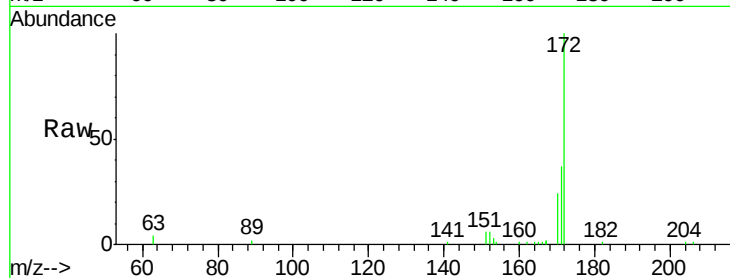




#15
2-Fluorobiphenyl
Concen: 0.605 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095862.D
Acq: 27 Mar 2018 5:19

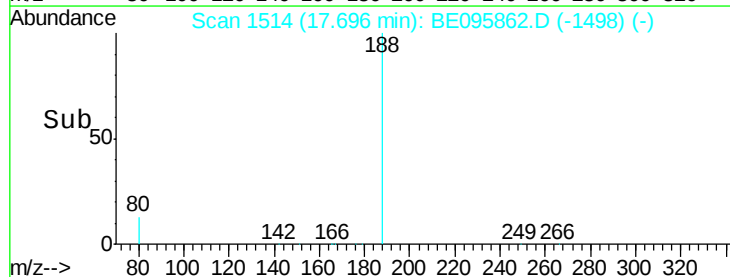
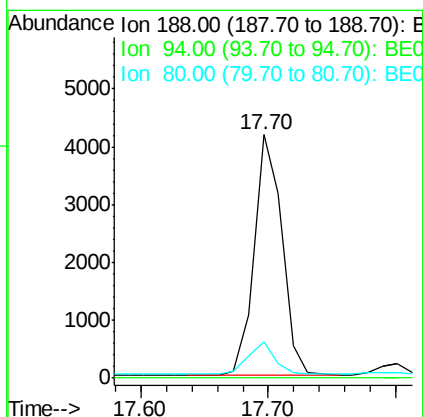
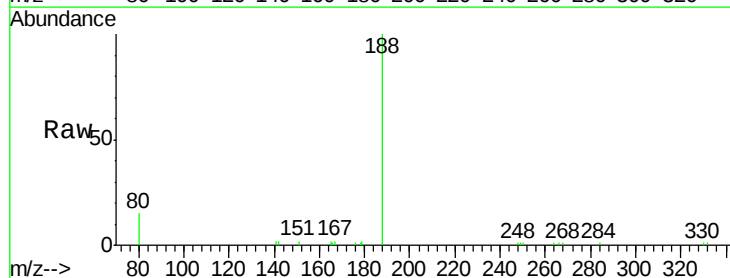
Instrument :
BNA_E
ClientSampleId :

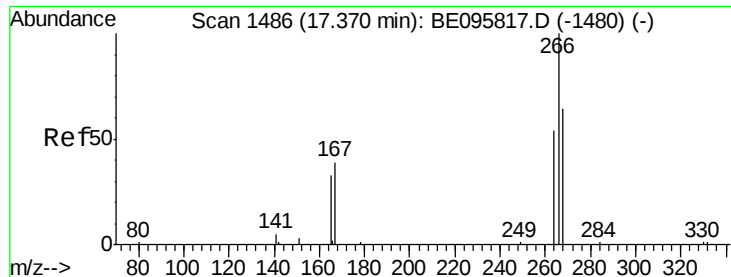
Tot Ion:172 Resp: 6607
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 23.7 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095862.D
Acq: 27 Mar 2018 5:19

Tgt Ion:188 Resp: 6295
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.9 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.146 ng

RT: 17.36 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE095862.D

Acq: 27 Mar 2018 5:19

Instrument :

BNA_E

ClientSampled :

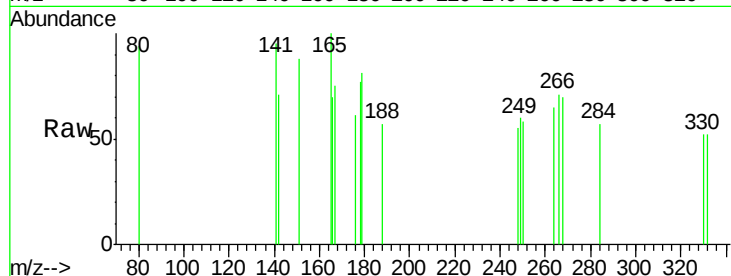
Tot Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

264 91.7 72.5 108.7

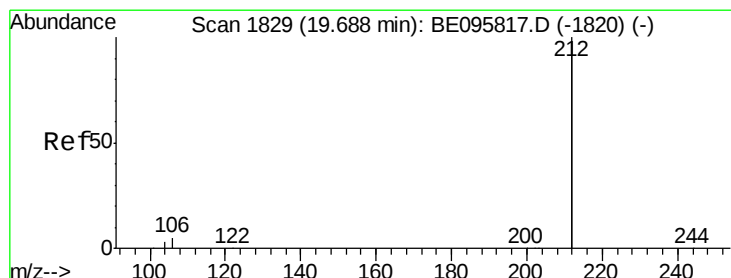
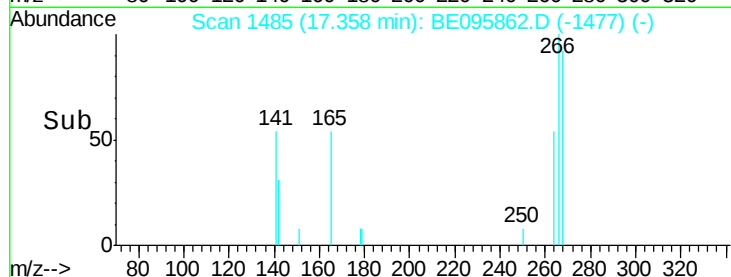
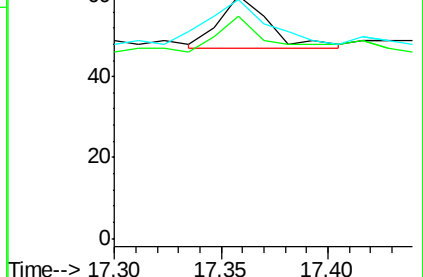
268 98.3 73.8 110.6



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.381 ng

RT: 19.68 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BE095862.D

Acq: 27 Mar 2018 5:19

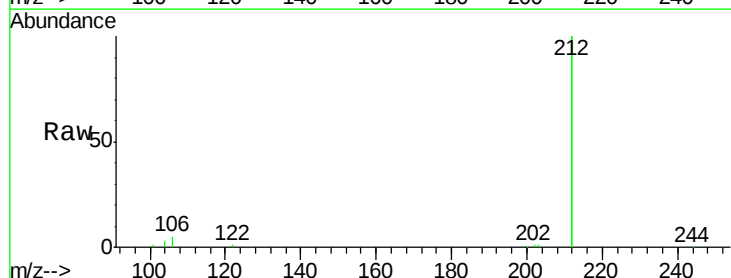
Tgt Ion:212 Resp: 35663

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

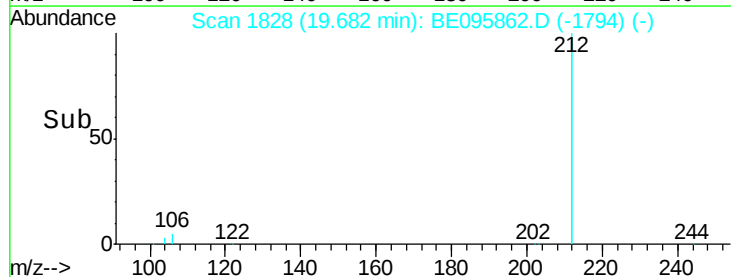
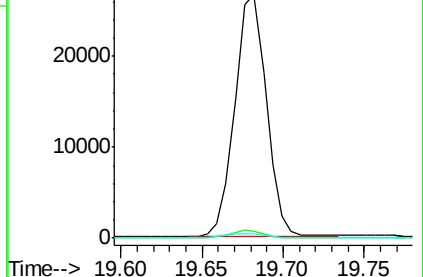
104 1.7 1.6 2.4

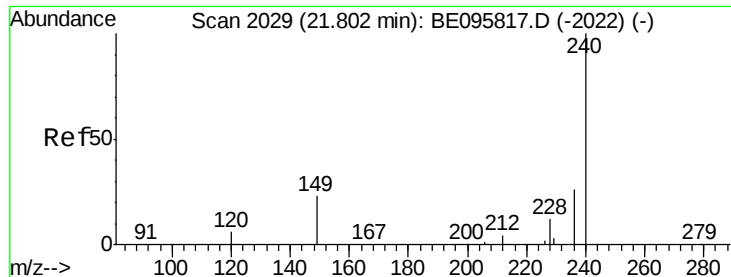


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095862.D

Acq: 27 Mar 2018 5:19

Instrument :

BNA_E

ClientSampleId :

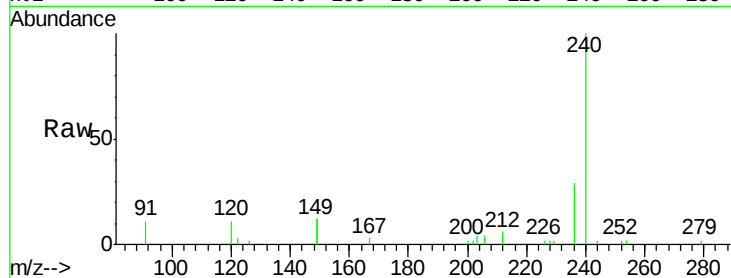
Tot Ion:240 Resp: 7118

Ion Ratio Lower Upper

240 100

120 10.6 5.5 8.3#

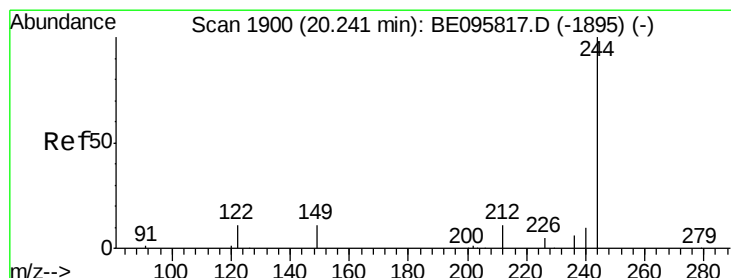
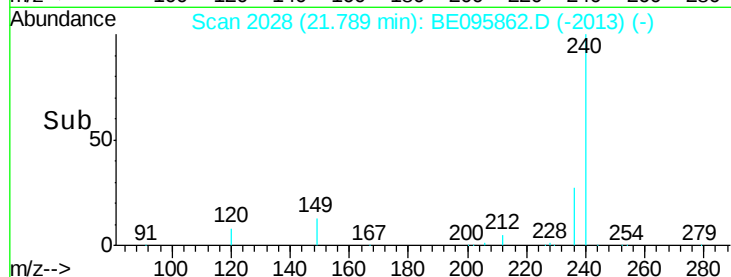
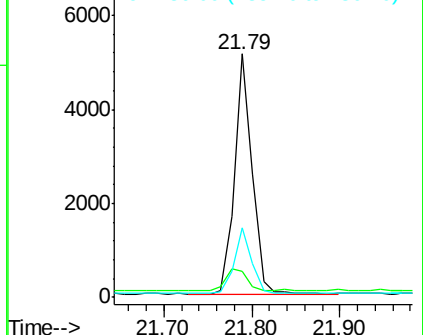
236 28.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.594 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095862.D

Acq: 27 Mar 2018 5:19

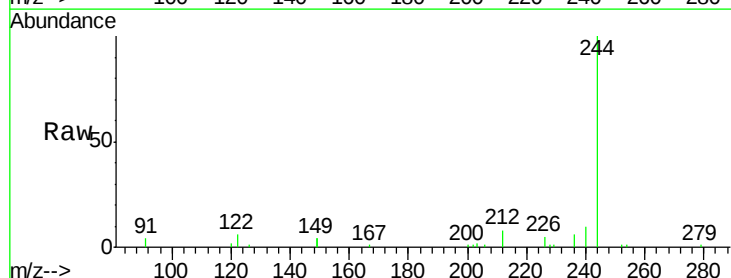
Tgt Ion:244 Resp: 8979

Ion Ratio Lower Upper

244 100

212 7.9 25.4 38.0#

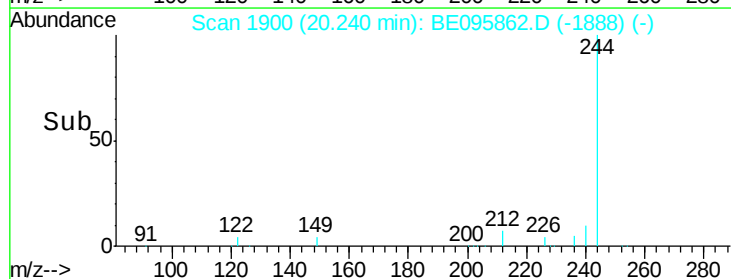
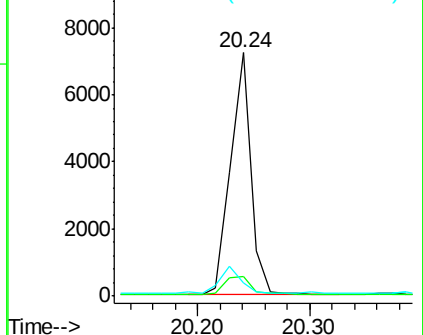
122 5.6 8.1 12.1#

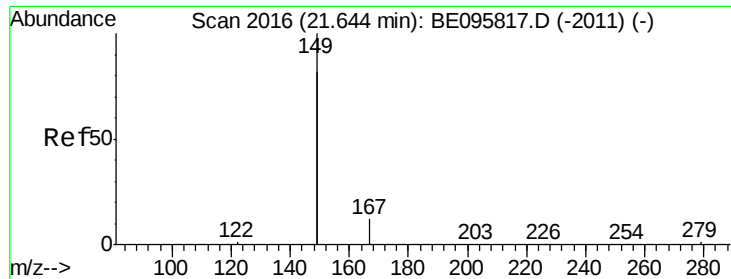


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.080 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095862.D

Acq: 27 Mar 2018 5:19

Instrument :

BNA_E

ClientSampleId :

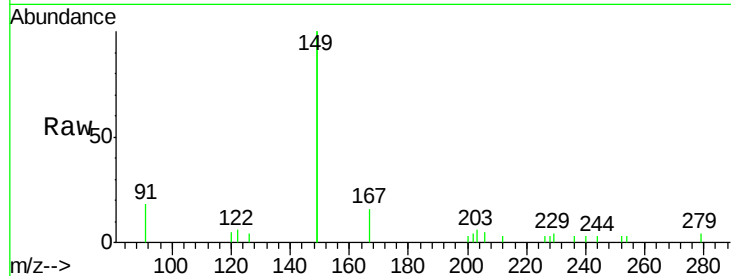
Tot Ion:149 Resp: 6007

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

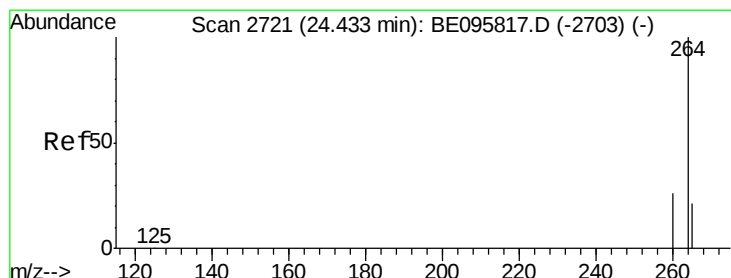
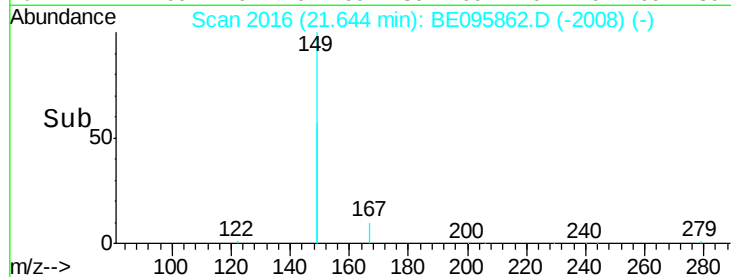
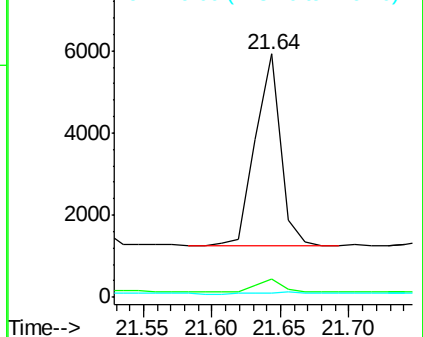
279 2.0 0.7 1.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.41 min Scan# 2716

Delta R.T. -0.02 min

Lab File: BE095862.D

Acq: 27 Mar 2018 5:19

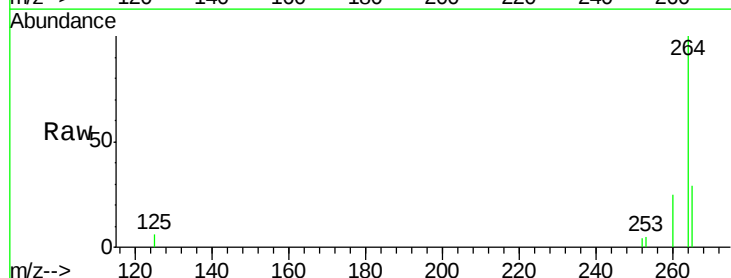
Tgt Ion:264 Resp: 7141

Ion Ratio Lower Upper

264 100

260 24.7 20.5 30.7

265 28.9 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

